

RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: 1st

Wisconsin Department of Transportation
DT1241 2009

Research, Development and Technology Transfer	
Program: (Choose One) <input type="checkbox"/> Policy Research <input type="checkbox"/> Pooled Fund TPF # <input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Other	
Project Title: Data Integration and Partnership for Statewide Transportation Planning	
Administrative Contact/Phone #: Peg Lafky/608-266-3663	WisDOT Project ID(s): 0092-07-23
WisDOT Technical Contact/Phone #:	Other Project ID:
Project Investigator/Phone # (agency & contact): Jessica Y. Guo Department of Civil and Environmental Engineering University of Wisconsin - Madison 608-890-1064	Approved Starting Date: 9/28/2007
WisDOT Comments:	Original End Date: 3/28/2009
	Current End Date: 9/30/2009
Sponsor: Wisconsin Department of Transportation	Number of Extensions: 1

Schedule Status:

- ☐ On schedule ☐ Ahead of schedule
☒ On revised schedule ☐ Behind schedule (Please explain below)

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$79,989.00	\$10,591.72	\$65,469.59	82%	90%

Project Description:

This project aims to assess the data availability, accessibility, and interoperability issues arisen from the transportation planning process in Wisconsin and identify possible approaches for addressing these issues. The specific research activities include:

- 1. Synthesize the best practices of data integration and partnership for transportation planning in the nation and abroad.*
- 2. Identify the business and analytical processes constituting the current statewide transportation planning practice in Wisconsin and catalog the data currently used to support the processes.*
- 3. Identify and document barriers to the access and integration of planning-related data, as well as current/future data needs that better support transportation modeling and planning activities in Wisconsin.*
- 4. Develop data and process flow diagrams to reflect the desired movement and inter-relationships of data for supporting current and future transportation planning needs.*
- 5. Recommend methodologies for overcoming the barriers to data integration and partnership within WisDOT, as well as between WisDOT and other agencies. Identify the next steps to further evaluate the cost effectiveness of the recommended methodologies.*
- 6. Prepare final report.*

Progress This Quarter: (Includes project committee meetings, work plan status, contract status, significant progress, etc.)

- Updated literature review and produced a draft final report*
- Received comments from POC regarding data catalog and data flow models on February 20, 2009*
- Produced a revised data catalog based on comments received on February 20, 2009*
- Met with POC on March 24, 2009, to review the revised catalog and to clarify the extent of revision needed to data flow modeling and final reporting. The POC also reviewed the proposed schedule change and time extension to allow the research team to fully address the comments.*
- The research team began to revise the final report and data flow models based on the POC's comments.*

Anticipated Work Next Quarter:

- Complete further revisions, if needed, to the proposed data catalog based on any further comments from the POC*

- Complete the necessary revisions to the draft final report, including the data flow models and recommendations, to address the POC's comments from the March 24th meeting.

Circumstances Affecting Progress and/or Budget:

POC comments and suggestions received in February and March 2009 called for revisions to some of the project deliverables. A no-cost time extension has been requested and approved to allow the research team to complete these revisions.

Gantt Chart:

Progress up to this quarter.

Task	2007			2008												2009		
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
1																		
2																		
3																		
4																		
5																		
6																		
Deliverables																		
Literature Synthesis																X		
Data Catalog															X			X
Research Presentation															X			
Final Report																Draft		
Quarterly Reports			X			X			X			X			X			X

The revised schedule for the remainder of the project is shown below.

	2009					
	Mar	Apr	May	Jun	Jul	Aug
Revise data catalog	X					
Revise data models and final report	X	X				
POC review and approval			X	X		
Presentation to TOC						X